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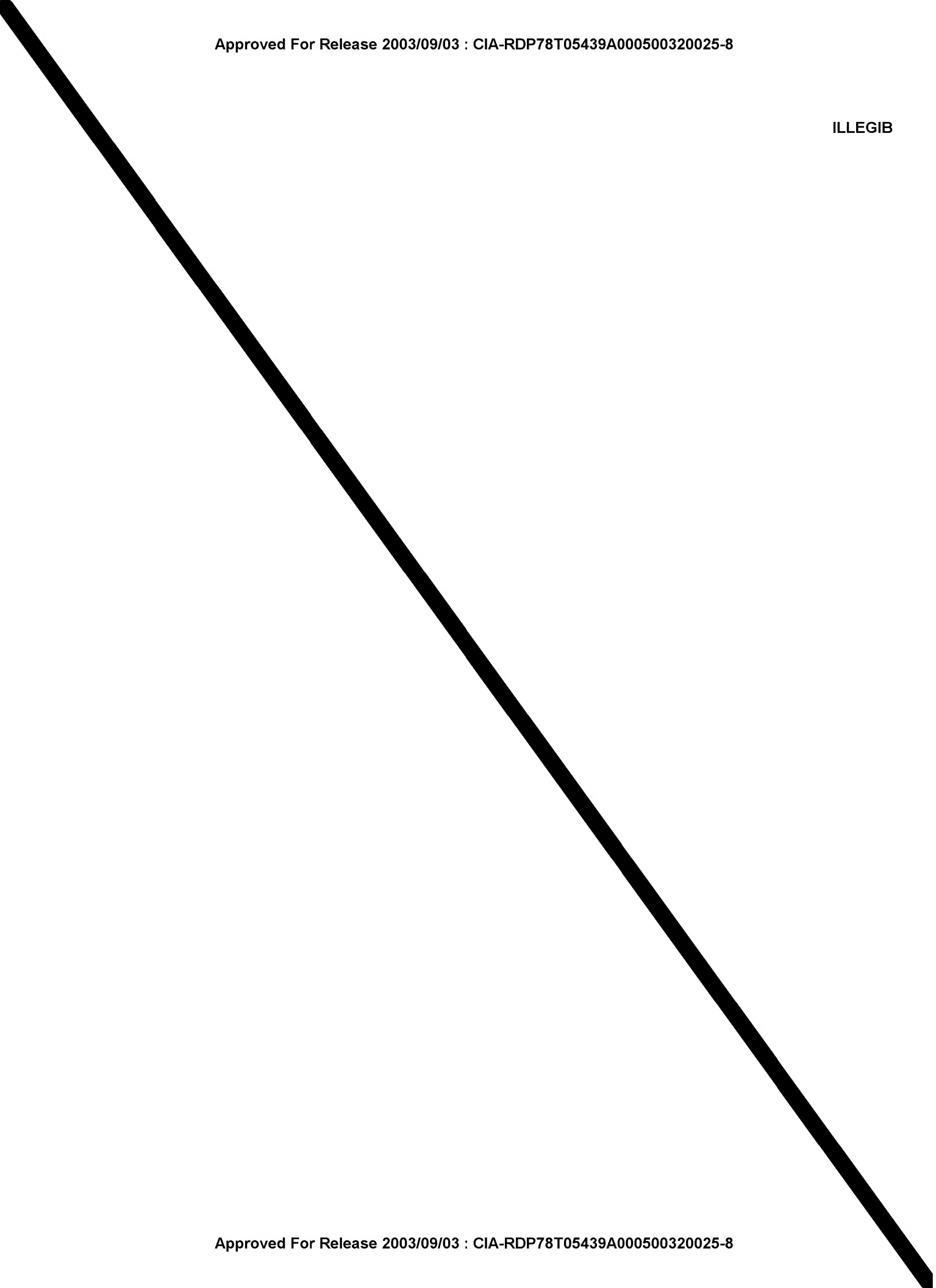

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ANALYSIS OF SOVIET TYPE III-C

ICBM LAUNCH SITES

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CIA IMAGERY ANALYSIS DIVISION

ANALYSIS OF SOVIET TYPE III-C ICBM LAUNCH SITES

INTRODUCTION

A total of 67 Type III-C single silo ICBM launch sites at six new complexes have been identified in the USSR since the first quarter of 1964 when deployment of these installations commenced (Figure 1). The following is a tabulation of the geographic coordinates of these complexes and the number of sites currently carried by CIA/IAD at each complex through [redacted] 25X1

[redacted] 25X1D

Complex	Location	Number of Sites
Aleysk	52-28N 82-42E	6
Dombarovskiy	51-02N 59-49E	10*
Imeni Gastello	51-07N 66-19E	11
Kartaly	53-03N 60-34E	13**
Uzhur	55-17N 89-49E	17
Zhangiz Tobe	49-12N 81-10E	10
	Total	67

As of this date, the Soviets have not started construction of Type III-C sites at any of the 18 original ICBM complexes where the SS-7, the SS-8, and possibly the SS-9 missile systems are deployed. Many of these single silos have been covered by excellent quality [redacted] in various phases of their construction. This study will arrange in a proper sequence the best examples of these construction stages, provide pertinent mensuration data, and at the same time elucidate on the system suggested by CIA/ORR Forces Division and utilized by CIA/IAD in defining the construction status of Type III-C launch sites (Figure 2). 25X1D

[redacted]

* Includes one probable and one possible.
** Includes one probable and two possible.

25X1B

25X1B

All measurements in this report except heights have been made by the CIA/IAD project analyst. They should not be construed as being mensuration data compiled by the NPIC Technical Intelligence Division. Those measurements labelled as estimates are based on repeated measurements of very small widths in which slight scale errors, halation, or pointing inaccuracies could introduce a significant percentage of error. They are however, believed to fall within the limits as shown.

SUMMARY AND CONCLUSIONS

1. The Type III-C sites are designed to accommodate an in-silo launch of a storable liquid-fueled missile estimated to probably be the SS-9.

2. The construction of a nearby permanent site support facility leads to the conclusion that each site will be manned.

3. A well-engineered road will eventually serve each site in a complex.

4. Each "L" shaped interferometer will serve at least six single silos and it is quite possible that there will be only one of these facilities at each complex. 25X1B

[redacted]

6. The construction schedule at the deployed sites closely parallels that of Launch Sites K-1, K-2 and G-7, Tyuratam Missile Test Center (TTMTC), and is significantly longer than that experienced at Launch Sites B-2, A-3 and I, TTMTC. All six of these sites at Tyuratam appear identical in configuration and construction techniques and are believed to be system prototypes.

25X1

25X1D

25X1B